

# Texas Department of Public Safety Texas Division of Emergency Management

## Texas State Operations Center



### Situation Awareness Brief



Sunday, February 18<sup>th</sup> 2018  
As of 0900 CST

# Incidents Reported to the State Operations Center (last 24 hours)

DATE	EVENT / INCIDENT	LOCATION (City/County)	Final Report: Y/N
02/17/18	Initial Report of a Road Closure (SH 34)	Kaufman County	N
02/17/18	Final Report of a Boil Water Notice	Van Zandt County	Y
02/17/18	Final Report of a Road Closure (SH 34)	Kaufman County	Y
02/17/18	Silver Alert Request from the Houston Police Department	Harris County	Y
02/17/18	Report of an Industrial Fire with Road Closure (US 259)	Gregg County	N

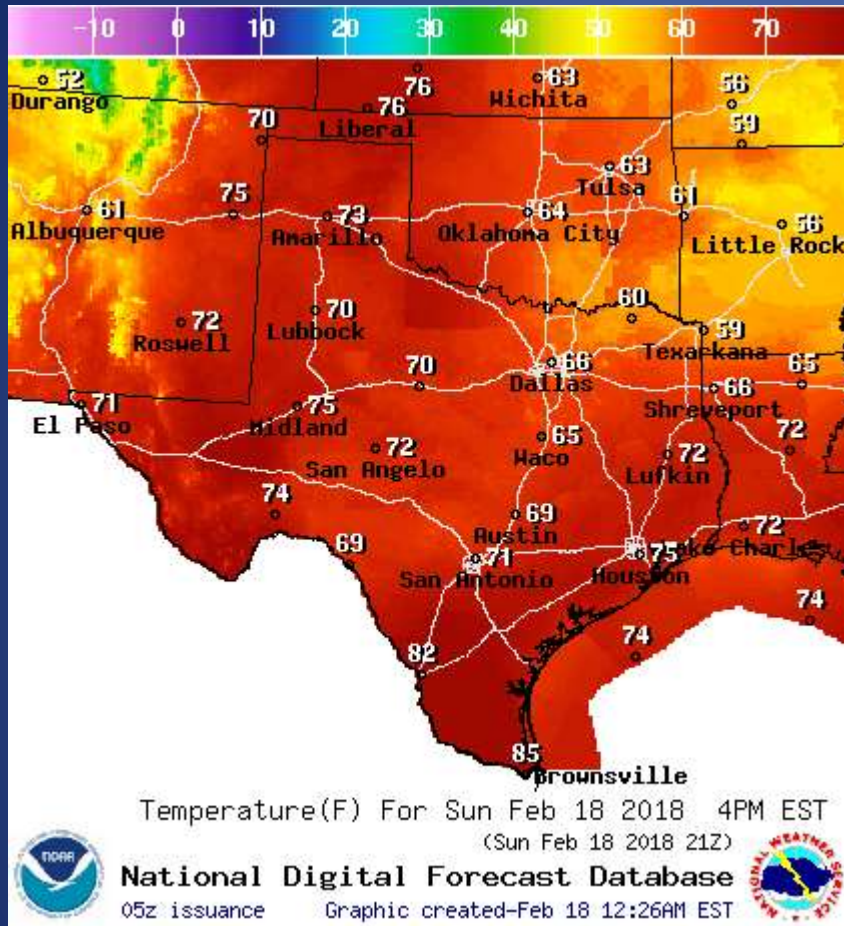
# Informational Products

## Distributed by the State Operations Center

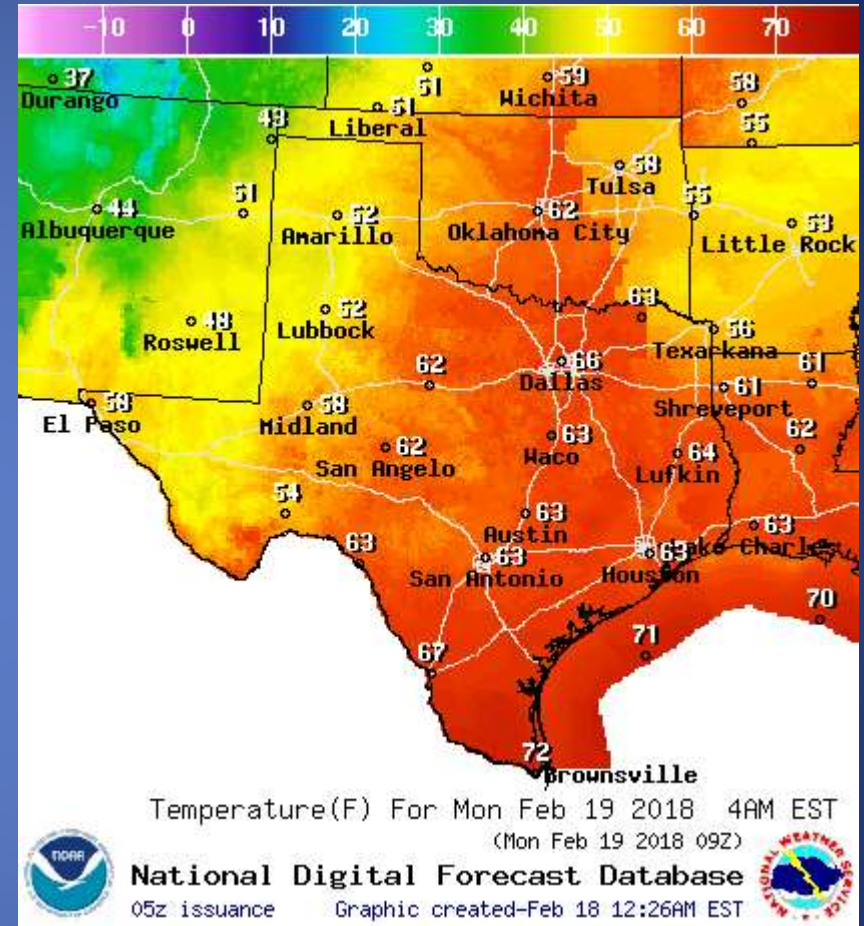
DATE	SUBJECT
02/17/18	NWS Fort Worth- NWS UPDATE: Thunderstorms and heavy rainfall possible the first half of next week
02/18/18	NWS Fort Worth: Public Information Statement - Rainfall Reports
02/18/18	Daily NWS Threat Brief for Sunday, February 18, 2018 for FEMA Region 6



# Weather Forecast

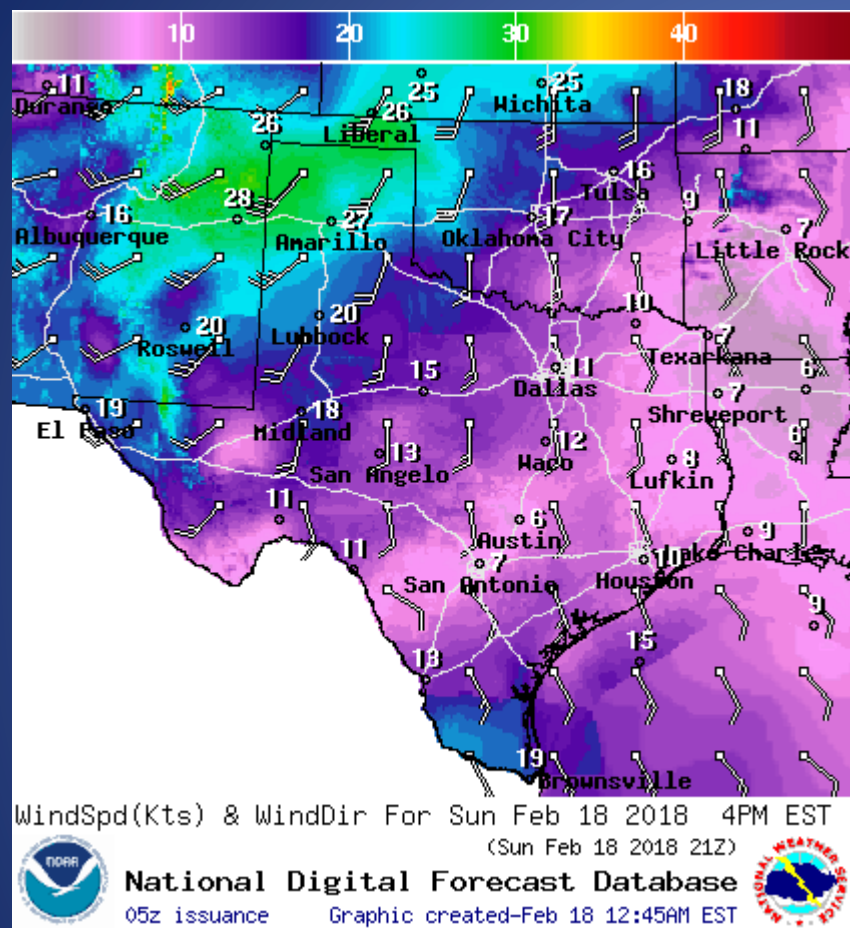


## Highs

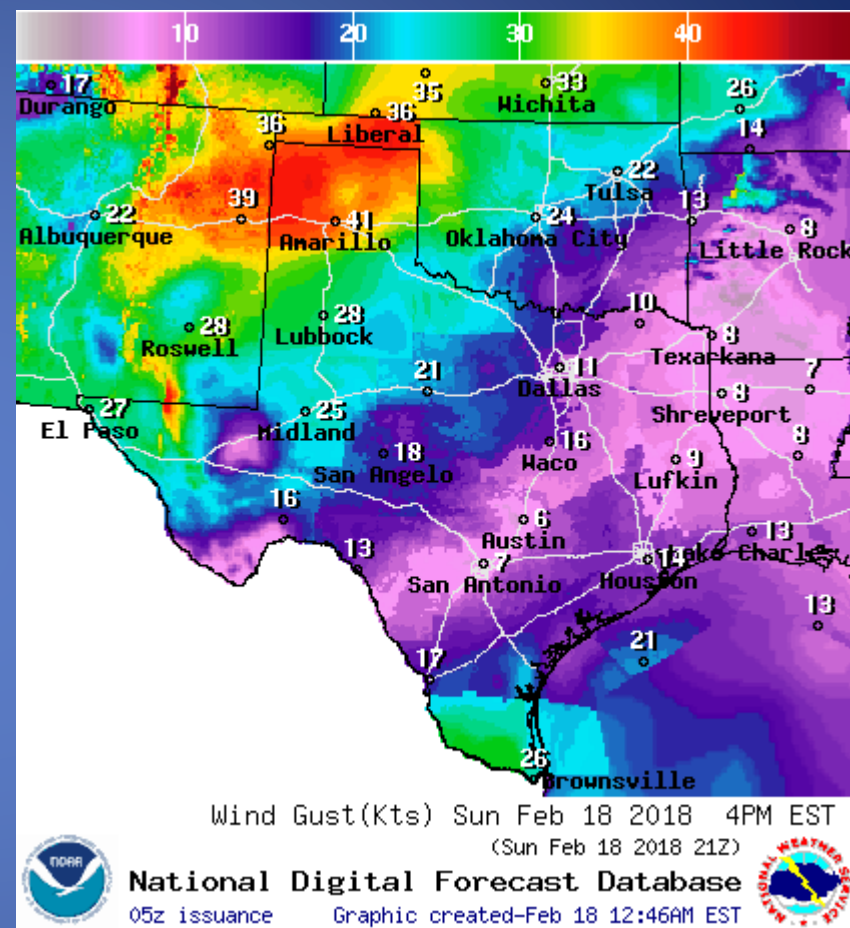


## Lows

# Weather Forecast



## Wind Speeds



## Gusts

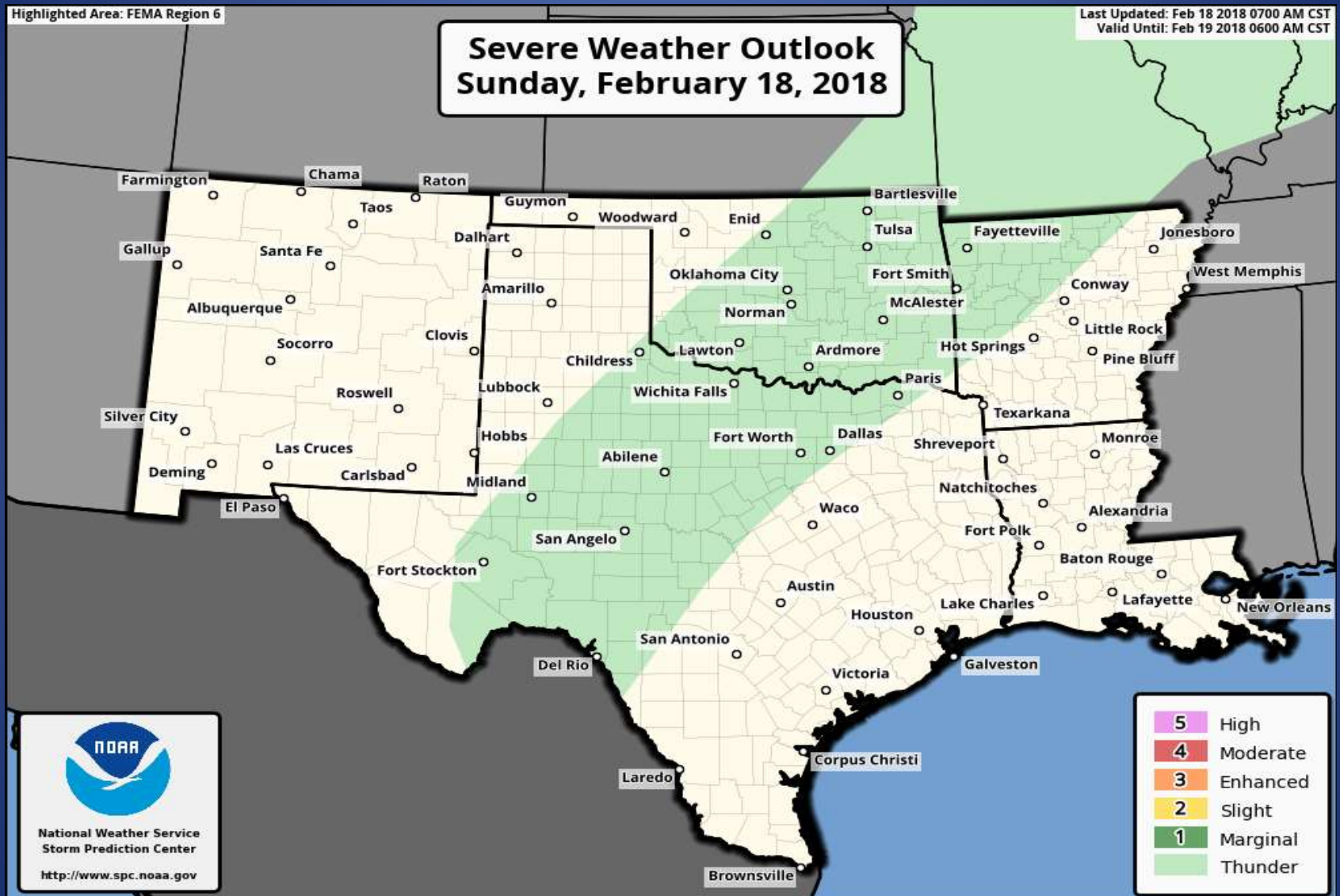


# Hazardous Weather

Highlighted Area: FEMA Region 6

## Severe Weather Outlook Sunday, February 18, 2018

Last Updated: Feb 18 2018 0700 AM CST  
Valid Until: Feb 19 2018 0600 AM CST



National Weather Service  
Storm Prediction Center  
<http://www.spc.noaa.gov>

# Hazardous Weather

## WILDFIRE SAFETY

- Properly discard cigarettes
- Keep vehicles off of dry grass
- Avoid activities with open flames or sparks
- Power equipment can create sparks
- Obey burn bans
- Evacuate if fire/smoke is heading your way

**weather.gov/fire**



**Red Flag Warnings are in effect for the northern and western Panhandles this afternoon. Winds will be 25 to 30 mph with gusts up to 40 mph. Please keep these wildfire safety tips in mind while out today.**

## Warmer, with Thunderstorms Possible

**No severe weather is expected**

Weather Forecast Office  
Midland/Odessa, TX

Issued February 18, 2018 3:07 AM CT



## Today



## Tonight



   [NWSMidland](#)

[weather.gov/maf](http://weather.gov/maf)

**Highs will climb well above normal today, into the 70s and 80s for most. A dryline looks to develop across eastern portions of the area this afternoon, and could result in thunderstorms across portions of the Permian Basin and the Lower Trans Pecos southward into the Big Bend Area. Storms will remain possible into tonight, mainly across the Permian Basin and Lower Trans Pecos. However, no severe weather is expected.**



# Hazardous Weather

## High Wind Warning

In effect late tonight through Monday evening

Weather Forecast Office  
Midland/Odessa TX

Issued February 18, 2018 3:26 AM CDT



**Where...**  
+ Guadalupe Mountains

**Wind Speed and Direction...**  
+ Southwest 30 to 45 MPH  
+ Gusts up to around 60 MPH

**Impacts...**  
+ Winds could make for difficult driving conditions.  
+ Motorists driving high profile vehicles such as campers, vans and tractor trailers should exercise caution.

f t NWSMidland

weather.gov/maf

A High Wind Warning has been issued for the Guadalupe Mountains beginning late tonight, and lasting through Monday evening. Southwest winds of 30-45 MPH with gusts to 60 MPH are expected. Those planning travel through the Guadalupe Mountains should exercise caution, as driving could be difficult, particularly for high profile vehicles.

## Showers and a few Thunderstorms

*High Temperatures*

First round of showers will move in from the southwest early this morning.

A second round might move in from the west this afternoon. This one will likely have some lightning activity as well.



National Weather Service  
San Angelo, TX  
Updated Feb 18 6:32AM



Good morning West Central Texas! It looks as though we may have a couple of chances for rain today. An area of showers will move in from the southwest early this morning with additional thunderstorms being possible for this afternoon. High temperatures will be a bit cooler as increased cloud cover is expected.



# Hazardous Weather



Skies will be mostly cloudy this morning and there will be patchy fog across the west and areas of fog elsewhere. Some dense fog is likely, especially parts of Central Texas. An area of showers that developed across Southwest Texas overnight is expected to spread northeast into North and Central Texas this morning. It will be cloudy this afternoon with a chance of showers and thunderstorms. Highs will range from near 60 northeast to the lower 70s southeast and northwest. Southeast winds at 5 to 10 mph early will become south at 10 to 20 mph this afternoon.



Dense fog conditions with visibilities of one nautical mile or less are expected over the bays and nearshore coastal waters through Sunday morning. Mariners not equipped to handle these low visibilities should remain in port until conditions improve

# Hazardous Weather



## Dense Fog Advisory for Nearshore Waters

Update: 6:00 am – Sunday, February 18, 2018



SEA FOG

Port Mansfield

SEA FOG

SPI

20NM

60NM

### Marine Dense Fog Advisory

Until 10 am

Gulf Waters (0-20 nm)

Laguna Madre

- Visibility less than 1 nautical mile at times
- Mariners advised to slow down, use running lights and fog horns where appropriate



NWS Brownsville, TX

Dense fog continues across the nearshore waters of the Gulf of Mexico and Laguna Madre. Visibility may be reduced to 1 nautical mile or less at times. Mariners are advised to slow down, use running lights and fog horns where appropriate. Conditions may be slow to improve.

# Weather Warning/Advisories Issued

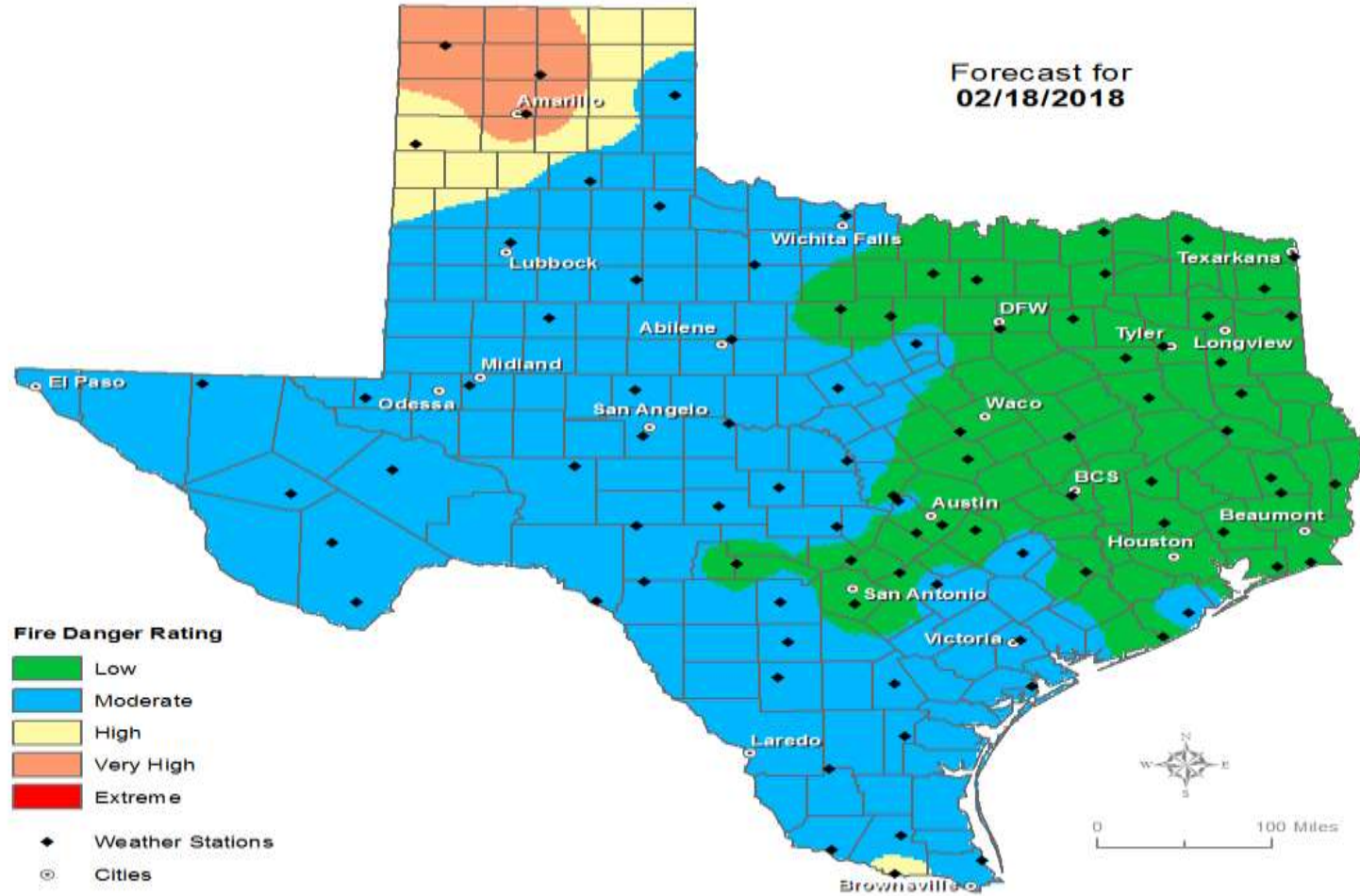
DATE	WARNING TYPE	LOCATION
02/17/18	Flood Warning Continues	Pine Island Bayou Near Sour Lake affecting Hardin and Jefferson Counties



# Fire Danger Forecast

## Forecast Fire Danger

Forecast for  
**02/18/2018**



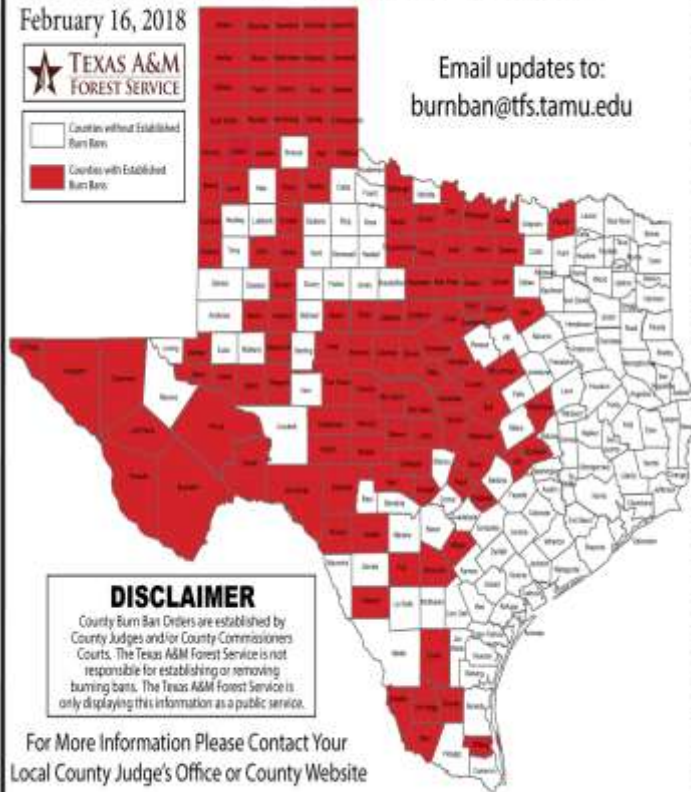
# Burn Bans and KBDI INDEX

## OUTDOOR BURN BANS

February 16, 2018



Email updates to:  
burnban@tfs.tamu.edu



### DISCLAIMER

County Burn Ban Orders are established by County Judges and/or County Commissioners Courts. The Texas A&M Forest Service is not responsible for establishing or removing burning bans. The Texas A&M Forest Service is only displaying this information as a public service.

For More Information Please Contact Your  
Local County Judge's Office or County Website

RED FLAG WARNINGS: [www.weather.gov](http://www.weather.gov)

Burn Ban RSS feed available at <http://tfsrtp.tamu.edu/wildfires/BurnBan.xml>

### Counties with Burn Bans: 123

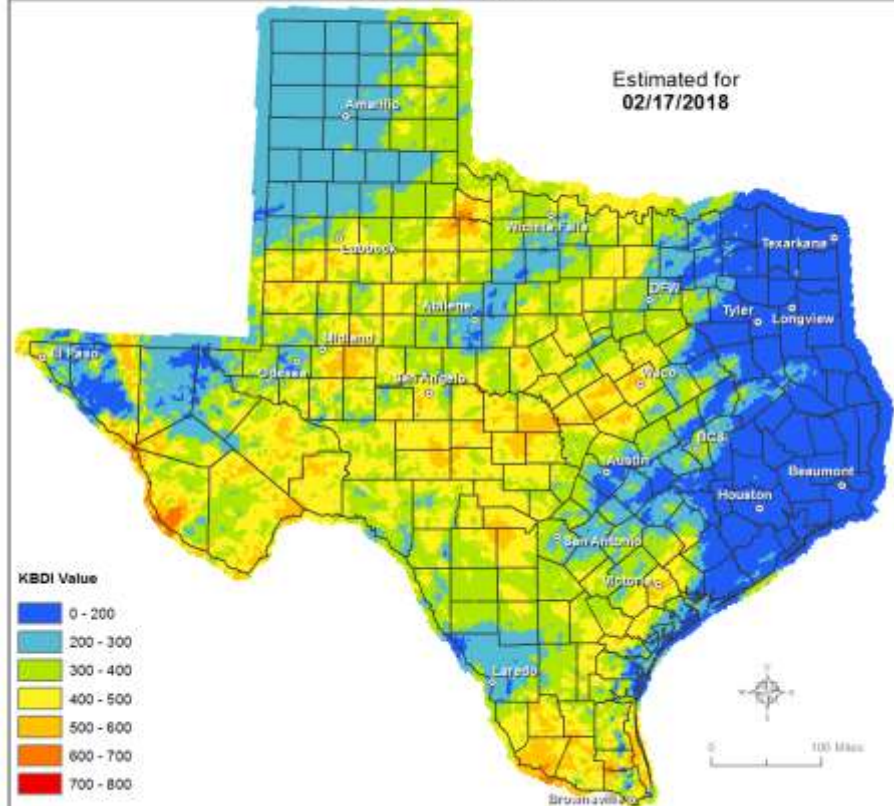
Ancher	Hays	Tarrant
Armstrong	Hemphill	Taylor
Atascosa	Hood	Terrell
Bailey	Howard	Throckmorton
Baylor*	Hubbard	Tom Green
Bell	Hutchinson	Town
Borden	Jack	Upton
Brewster	Jeff Davis	Uvalde
Brewster	Jim Hogg	Val Verde
Brown	Johnson	Ward
Burleson	Kendall	Wheeler
Burnet	Kerr	Wilbarger
Calhoun	Kimble	Willacy
Callahan	Kinney	Williamson
Cameron	Lamb	Winkler*
Castro	Lampasas	Wise
Childress	Lee	Young
Clay	Lipscomb	Zapata
Cochran	Llano	
Coke	Lynn	
Coleman	Martin	
Collingsworth	Maxwell	
Comanche	McCluskey	
Coscho	McLennan	
Cooke	Mesquite	
Coryell	Mills	
Corn	Montague	
Crosby	Moore	
Carberson	Motley	
Dallas	Nolan	
Deaf Smith	Ochiltree	
Denton	Oldham	
Dimmit	Palo Pinto	
Donley	Parker	
Duval	Parker	
Eastland	Pecos	
El Paso	Potter	
Ellis	Presidio	
Erath	Randall	
Fannin	Reagan	
Floyd	Roberts	
Frio	Robertson	
Garcia	Russell	
Gillespie	San Saba	
Glasscock	Schlesinger	
Gray	Sherman	
Hall	Somervell	
Harrison	Star	
Haskell	Stephens	
Hartley	Sutton	
	Swisher	

\* Burn Bans often change a Red Flag Warning  
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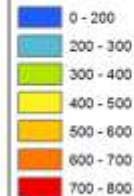
## Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for  
02/17/2018



### KBDI Value



TEXAS A&M  
AGRI LIFE  
RESEARCH

Produced by TAMU Spatial Sciences Laboratory  
in partnership with Texas A&M Forest Service

TEXAS A&M  
FOREST SERVICE

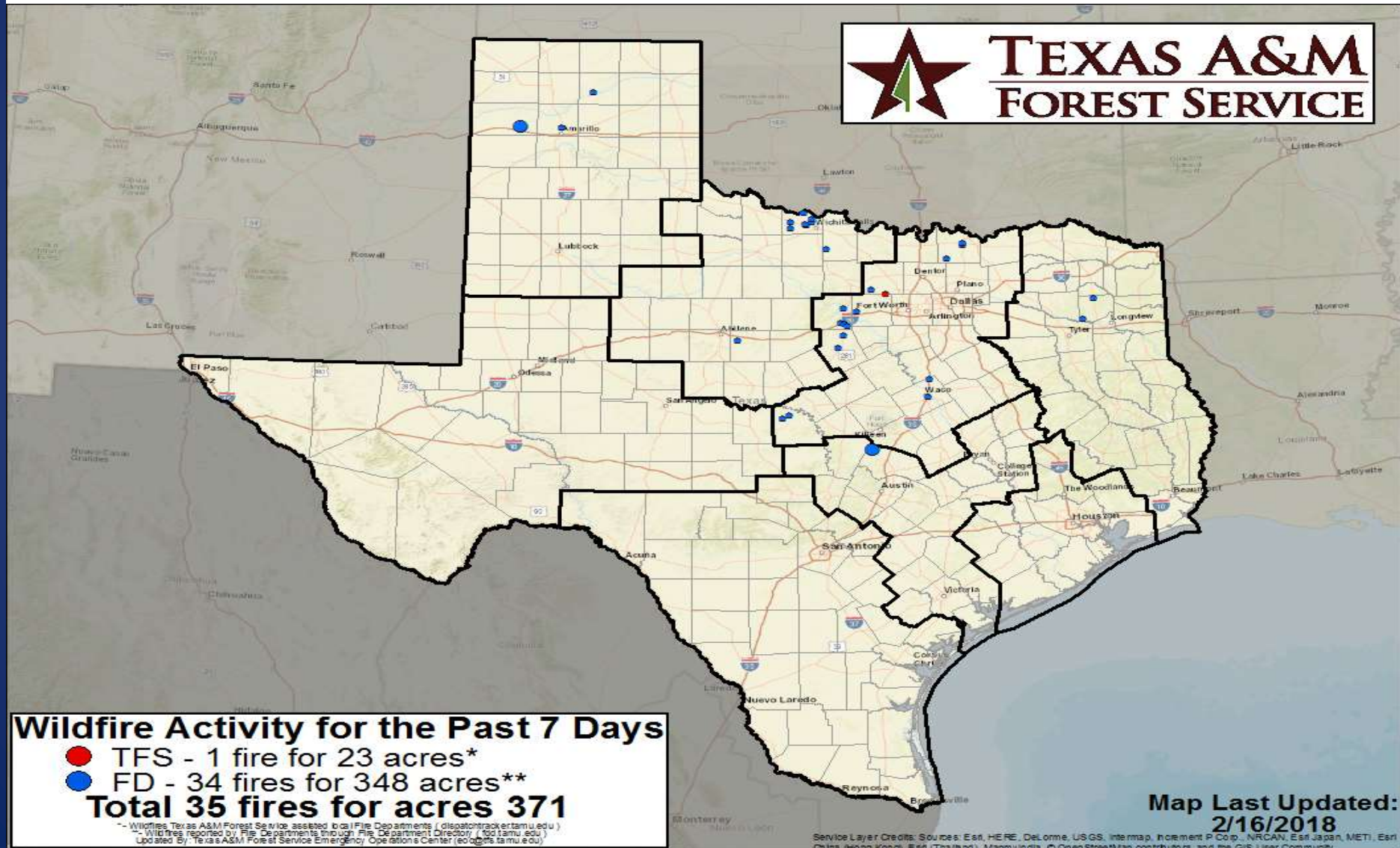
# Fire Weather Warnings/Watches/Statements

DATE	WARNING TYPE	LOCATION
02/17/18	Red Flag Warning	Dallam, Hartley and Sherman Counties
02/18/18	Red Flag Warning	Hansford, Lipscomb, Moore, Ochiltree and Oldham Counties
02/18/18	Red Flag Warning Remains in Effect	Dallam, Hartley and Sherman Counties
02/18/18	Fire Danger Statement	Armstrong, Carson, Deaf Smith, Gray, Hemphill, Hutchinson, Potter, Randall and Roberts Counties



# Fire Activity (\*Last 24 Hours)

Reports 161 (no change) fires and 14,485 (no change) acres destroyed this year. There are 123 (no change) counties with burn bans. The Keetch-Byram Drought Index list 60 (no change) counties with an average over 400.



# Training

DATES		TITLE	COURSE	LOCATION
01/11/18	02/24/18	Community Emergency Response Team (CERT) Course	G-317	San Marcos
01/11/18	03/29/18	Community Emergency Response Team (CERT) Course	G-317	Yorktown
02/17/18	02/18/18	Community Emergency Response Team (CERT) Course	G-317	Fulshear

# Exercises

DATE(S)		AGENCY/LOCATION	EXERCISE
02/19/18	02/23/18	Texas Department of Public Safety – PSCS/Garner State Park	Comm Emergency Ops – Red Team Fire Exercise

# Statewide Significant Events

DATE(S)		LOCATION	EVENT
02/08/18	02/18/18	Laredo	WBCA Carnival